

Serial Number: 10/074,527CRF Processing Date: 3/12/2002Edited by: ACVerified by: AC

(STIC staff)

 Changed a file from non-ASCII to ASCII**ENTERED** Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_. Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  page numbers throughout text;  other invalid text, such as \_\_\_\_\_. Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_ Other:

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Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/074,527

DATE: 03/12/2002  
TIME: 17:47:57

Input Set : A:\pto.amc.txt  
Output Set: N:\CRF3\03122002\J074527.raw

P6

4 <110> APPLICANT: Olandt, Peter J.  
5 Meyers, Rachel E.  
6 Galvin, Katherine A.  
7 Millennium Pharmaceuticals Inc.  
9 <120> TITLE OF INVENTION: 33945, A Human Glycosyltransferase and  
10 Uses Therefor  
12 <130> FILE REFERENCE: MPI2001-018P1RCP1(M)  
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/074,527  
C--> 14 <141> CURRENT FILING DATE: 2002-02-12  
14 <150> PRIOR APPLICATION NUMBER: 60/269202  
15 <151> PRIOR FILING DATE: 2001-02-15  
17 <160> NUMBER OF SEQ ID NOS: 9  
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
21 <210> SEQ ID NO: 1  
22 <211> LENGTH: 2850  
23 <212> TYPE: DNA  
24 <213> ORGANISM: homo sapiens  
26 <220> FEATURE:  
27 <221> NAME/KEY: CDS  
28 <222> LOCATION: (81)...(1826)  
30 <400> SEQUENCE: 1  
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32 tggctgcagt tggcgggcgc atg tgg ggg cgc acg gcg cgg cgg cgc tgc ccg 113  
33 Met Trp Gly Arg Thr Ala Arg Arg Arg Cys Pro  
34 1 5 10  
36 cgg gaa ctg cgg cgc ggc cgg gag ggc ctg ttg gtg ctc ctg ggc cta 161  
37 Arg Glu Leu Arg Arg Gly Arg Glu Ala Leu Leu Val Leu Ala Leu  
38 15 20 25  
40 ctg gcg ttg gcc ggg ctg ggc tcg gtg ctg cgg ggc cag cgt ggg gcc 209  
41 Leu Ala Ala Gly Leu Gly Ser Val Leu Arg Ala Gln Arg Gly Ala  
42 30 35 40  
44 ggg gcc ggg gct gcc gag ccg gga ccc ccg cgc acc ccg cgc ccc ggg 257  
45 Gly Ala Gly Ala Glu Pro Gly Pro Pro Arg Thr Pro Arg Pro Gly  
46 45 50 55  
48 cgg cgc gag ccg gtc atg ccg cgg ccg gtg ccg ggc aac ggc ctg 305  
49 Arg Arg Glu Pro Val Met Pro Arg Pro Pro Val Pro Ala Asn Ala Leu  
50 60 65 70 75  
52 ggc gcg cgg ggc gag ggc gtg cgg ctg cag ctg cag ggc gag ggc 353  
53 Gly Ala Arg Gly Glu Ala Val Arg Leu Gln Leu Gln Gly Glu Glu Leu  
54 80 85 90  
56 cgg ctg cag gag gag agc gtg cgg ctg cac cag att aac atc tac ctc 401  
57 Arg Leu Gln Glu Glu Ser Val Arg Leu His Gln Ile Asn Ile Tyr Leu  
58 95 100 105

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/074,527

DATE: 03/12/2002

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Input Set : A:\pto.amc.txt

Output Set: N:\CRF3\03122002\J074527.raw

60	agc	gac	cgc	atc	tca	ctg	cac	cgc	cgc	ctg	ccc	gag	cgc	tgg	aac	ccg	449
61	Ser	Asp	Arg	Ile	Ser	Leu	His	Arg	Arg	Leu	Pro	Glu	Arg	Trp	Asn	Pro	
62				110				115						120			
64	ctg	tgc	aaa	gag	aag	aaa	tat	gat	tat	gat	aat	ttg	ccc	agg	aca	tct	497
65	Leu	Cys	Lys	Glu	Lys	Lys	Tyr	Asp	Tyr	Asp	Asn	Leu	Pro	Arg	Thr	Ser	
66				125				130				135					
68	gtt	atc	ata	gca	ttt	tat	aat	gaa	gcc	tgg	tca	act	ctc	ctt	cg	aca	545
69	Val	Ile	Ile	Ala	Phe	Tyr	Asn	Glu	Ala	Trp	Ser	Thr	Leu	Leu	Arg	Thr	
70	140				145						150				155		
72	gtt	tac	agt	gtc	ctt	gag	aca	tcc	ccg	gat	atc	ctg	cta	gaa	gaa	gtg	593
73	Val	Tyr	Ser	Val	Leu	Glu	Thr	Ser	Pro	Asp	Ile	Leu	Leu	Glu	Glu	Val	
74					160				165				170				
76	atc	ctt	gta	gat	gac	tac	agt	gat	aga	gag	cac	ctg	aag	gag	cgc	ttg	641
77	Ile	Leu	Val	Asp	Asp	Tyr	Ser	Asp	Arg	Glu	His	Leu	Lys	Glu	Arg	Leu	
78				175				180				185					
80	gcc	aat	gag	ctt	tcg	gga	ctg	ccc	aag	gtg	cgc	ctg	atc	cgc	gcc	aac	689
81	Ala	Asn	Glu	Leu	Ser	Gly	Leu	Pro	Lys	Val	Arg	Leu	Ile	Arg	Ala	Asn	
82				190				195				200					
84	aag	aga	gag	ggc	ctg	gtg	cga	gcc	cg	ctg	ctg	ggg	g	cg	t	t	737
85	Lys	Arg	Glu	Gly	Leu	Val	Arg	Ala	Arg	Leu	Leu	Gly	Ala	Ser	Ala	Ala	
86				205				210				215					
88	agg	ggc	gat	gtt	ctg	acc	ttc	ctg	gac	tgt	cac	tgt	gag	tgc	cac	gaa	785
89	Arg	Gly	Asp	Val	Leu	Thr	Phe	Leu	Asp	Cys	His	Cys	Glu	Cys	His	Glu	
90	220				225				230				235				
92	ggg	tgg	ctg	gag	ccg	ctg	ctg	cag	agg	atc	cat	gaa	gag	gag	tcg	gca	833
93	Gly	Trp	Leu	Glu	Pro	Leu	Leu	Gln	Arg	Ile	His	Glu	Glu	Glu	Ser	Ala	
94				240				245				250					
96	gtg	gtg	tgc	ccg	gtg	att	gat	gtg	atc	gac	tgg	aac	acc	ttc	gaa	tac	881
97	Val	Val	Cys	Pro	Val	Ile	Asp	Val	Ile	Asp	Trp	Asn	Thr	Phe	Glu	Tyr	
98				255				260				265					
100	ctg	ggg	aac	tcc	ggg	gag	ccc	cag	atc	ggc	ggt	ttc	gac	tgg	agg	ctg	929
101	Leu	Gly	Asn	Ser	Gly	Glu	Pro	Gln	Ile	Gly	Gly	Phe	Asp	Trp	Arg	Leu	
102				270				275				280					
104	gtg	tgc	acg	tgg	cac	aca	gtt	cct	gag	agg	agg	ata	cgg	atg	caa	977	
105	Val	Phe	Thr	Trp	His	Thr	Val	Pro	Glu	Arg	Glu	Arg	Ile	Arg	Met	Gln	
106				285				290				295					
108	tcc	ccc	gtc	gat	gtc	atc	agg	tct	cca	aca	atg	gt	ggt	ggg	ctg	ttt	1025
109	Ser	Pro	Val	Asp	Val	Ile	Arg	Ser	Pro	Thr	Met	Ala	Gly	Gly	Leu	Phe	
110	300				305				310				315				
112	gct	gtg	agt	aag	aaa	tat	ttt	gaa	tat	ctg	ggg	tct	tat	gat	aca	gga	1073
113	Ala	Val	Ser	Lys	Lys	Tyr	Phe	Glu	Tyr	Leu	Gly	Ser	Tyr	Asp	Thr	Gly	
114				320				325				330					
116	atg	gaa	gtt	tgg	gga	gga	gaa	aac	ctc	gaa	ttt	tcc	ttt	agg	atc	tgg	1121
117	Met	Glu	Val	Trp	Gly	Gly	Glu	Asn	Leu	Glu	Phe	Ser	Phe	Arg	Ile	Trp	
118				335				340				345					
120	cag	tgt	gg	gg	tt	ctg	gaa	aca	cac	cca	tgt	tcc	cat	gtt	ggc	cat	1169
121	Gln	Cys	Gly	Gly	Val	Leu	Glu	Thr	His	Pro	Cys	Ser	His	Val	Gly	His	
122				350				355				360					
124	gtt	ttc	ccc	aag	caa	gct	ccc	tac	tcc	cgc	aac	aag	gct	ctg	gcc	aac	1217

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/074,527

DATE: 03/12/2002  
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Input Set : A:\pto.amc.txt  
Output Set: N:\CRF3\03122002\J074527.raw

125 Val Phe Pro Lys Gln Ala Pro Tyr Ser Arg Asn Lys Ala Leu Ala Asn			
126 365	370	375	
128 agt gtt cgt gca gct gaa gta tgg atg gat gaa ttt aaa gag ctc tac	1265		
129 Ser Val Arg Ala Ala Glu Val Trp Met Asp Glu Phe Lys Glu Leu Tyr			
130 380	385	390	395
132 tac cat cgc aac ccc cgt gcc cgc ttg gaa cct ttt ggg gat gtg aca	1313		
133 Tyr His Arg Asn Pro Arg Ala Arg Leu Glu Pro Phe Gly Asp Val Thr			
134 400	405	410	
136 gag agg aag cag ctc cgg gac aag ctc cag tgt aaa gac ttc aag tgg	1361		
137 Glu Arg Lys Gln Leu Arg Asp Lys Leu Gln Cys Lys Asp Phe Lys Trp			
138 415	420	425	
140 ttc ttg gag act gtg tat cca gaa ctg cat gtg cct gag gac agg cct	1409		
141 Phe Leu Glu Thr Val Tyr Pro Glu Leu His Val Pro Glu Asp Arg Pro			
142 430	435	440	
144 ggc ttc ttc ggg atg ctc cag aac aaa gga cta aca gac tac tgc ttt	1457		
145 Gly Phe Phe Gly Met Leu Gln Asn Lys Gly Leu Thr Asp Tyr Cys Phe			
146 445	450	455	
148 gac tat aac cct ccc gat gaa aac cag att gtg gga cac cag gtc att	1505		
149 Asp Tyr Asn Pro Pro Asp Glu Asn Gln Ile Val Gly His Gln Val Ile			
150 460	465	470	475
152 ctg tac ctc tgt cat ggg atg ggc cag aat cag ttt ttc gag tac acg	1553		
153 Leu Tyr Leu Cys His Gly Met Gly Gln Asn Gln Phe Phe Glu Tyr Thr			
154 480	485	490	
156 tcc cag aaa gaa ata cgc tat aac acc cac cag cct gag ggc tgc att	1601		
157 Ser Gln Lys Glu Ile Arg Tyr Asn Thr His Gln Pro Glu Gly Cys Ile			
158 495	500	505	
160 gct gtg gaa gca gga atg gat acc ctt atc atg cat ctc tgc gaa gaa	1649		
161 Ala Val Glu Ala Gly Met Asp Thr Leu Ile Met His Leu Cys Glu Glu			
162 510	515	520	
164 act gcc cca gag aat cag aag ttc atc ttg cag gag gat gga tot tta	1697		
165 Thr Ala Pro Glu Asn Gln Lys Phe Ile Leu Gln Glu Asp Gly Ser Leu			
166 525	530	535	
168 ttt cac gaa cag tcc aag aaa tgt gtc cag gct gcg agg aag gag tcg	1745		
169 Phe His Glu Gln Ser Lys Lys Cys Val Gln Ala Ala Arg Lys Glu Ser			
170 540	545	550	555
172 agt gac agt ttc gtt cca ctc tta cga gac tgc acc aac tcg gat cat	1793		
173 Ser Asp Ser Phe Val Pro Leu Leu Arg Asp Cys Thr Asn Ser Asp His			
174 560	565	570	
176 cag aaa tgg ttc ttc aaa gag cgc atg tta tga agcctcggt atcaaggago	1846		
177 Gln Lys Trp Phe Phe Lys Glu Arg Met Leu *			
178 575	580		
180 ccatcgaagg agactgtgga gccaggactc tgcccaacaa agacttagct aagcagtgac	1906		
181 cagaacccac caaaaactag gctgcattgc tttgaagagg caatcattt gccatttgc	1966		
182 aaagttgtgt tggatttagt aaaaatgtga ataagcttg tacttatttt gagaactttt	2026		
183 taaaatgttcc aaaataccct attttcaaag ggtaatcgta agatgttaac ccttggatt	2086		
184 tagaaaatta aaacccattata atattttct atcaarawrw awattttaca gtctgcctt	2146		
185 ttactctcat tagcaaaaaa gataaaagatt ttatgggt atttacaaga attcccgagg	2206		
186 acgaagatata ctgcattgggt ggaaatcagg ttcaagcaac gtactttgca ttaactgata	2266		
187 atacctcagc tgcggggta aagtttccc agtatacaga gactgtcaact aggaacattt	2326		

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/074,527

DATE: 03/12/2002  
TIME: 17:47:57

Input Set : A:\pto.amc.txt  
Output Set: N:\CRF3\03122002\J074527.raw

188 tattgattta ttcaggtcat tgagatcttc tagatgtatt taaaaaagaa tgcttttgg 2386  
 189 ttatgtttt ctaccacagt taacactcca taatgttcat gtcagccaaa gaggactaac 2446  
 190 caaagctgaa atctcagaga acaatttgc ttactaagct gagtcaactt gagagcgaac 2506  
 191 ttcttaacaat gccgcaactgt agtgtggctg gtttaccac tatgacttta aaacatgttt 2566  
 192 atatcatttt taattttat gatacggtag tgcaggag aaatgtaatg ttcttatgaa 2626  
 193 aattcccttt tcaagtttgc tcattaataa cagttattaa tttaaatcag cgttagagtt 2686  
 194 tgcgtgctgt caactgctgt gaaaatttct ctgagtaatt ctgattttgt aatgatccca 2746  
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 196 gaacaaaaaaaaaaaaaaaaaaaaaaaaaaaa 2850  
 198 <210> SEQ\_ID NO: 2  
 199 <211> LENGTH: 581  
 200 <212> TYPE: PRT  
 201 <213> ORGANISM: homo sapiens  
 203 <400> SEQUENCE: 2  
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 205 1 5 10 15  
 206 Gly Arg Glu Ala Leu Leu Val Leu Leu Ala Leu Leu Ala Gly  
 207 20 25 30  
 208 Leu Gly Ser Val Leu Arg Ala Gln Arg Gly Ala Gly Ala Gly Ala Ala  
 209 35 40 45  
 210 Glu Pro Gly Pro Pro Arg Thr Pro Arg Pro Gly Arg Arg Glu Pro Val  
 211 50 55 60  
 212 Met Pro Arg Pro Pro Val Pro Ala Asn Ala Leu Gly Ala Arg Gly Glu  
 213 65 70 75 80  
 214 Ala Val Arg Leu Gln Leu Gln Gly Glu Glu Leu Arg Leu Gln Glu Glu  
 215 85 90 95  
 216 Ser Val Arg Leu His Gln Ile Asn Ile Tyr Leu Ser Asp Arg Ile Ser  
 217 100 105 110  
 218 Leu His Arg Arg Leu Pro Glu Arg Trp Asn Pro Leu Cys Lys Glu Lys  
 219 115 120 125  
 220 Lys Tyr Asp Tyr Asp Asn Leu Pro Arg Thr Ser Val Ile Ile Ala Phe  
 221 130 135 140  
 222 Tyr Asn Glu Ala Trp Ser Thr Leu Leu Arg Thr Val Tyr Ser Val Leu  
 223 145 150 155 160  
 224 Glu Thr Ser Pro Asp Ile Leu Leu Glu Val Ile Leu Val Asp Asp  
 225 165 170 175  
 226 Tyr Ser Asp Arg Glu His Leu Lys Glu Arg Leu Ala Asn Glu Leu Ser  
 227 180 185 190  
 228 Gly Leu Pro Lys Val Arg Leu Ile Arg Ala Asn Lys Arg Glu Gly Leu  
 229 195 200 205  
 230 Val Arg Ala Arg Leu Leu Gly Ala Ser Ala Ala Arg Gly Asp Val Leu  
 231 210 215 220  
 232 Thr Phe Leu Asp Cys His Cys Glu Cys His Glu Gly Trp Leu Glu Pro  
 233 225 230 235 240  
 234 Leu Leu Gln Arg Ile His Glu Glu Glu Ser Ala Val Val Cys Pro Val  
 235 245 250 255  
 236 Ile Asp Val Ile Asp Trp Asn Thr Phe Glu Tyr Leu Gly Asn Ser Gly  
 237 260 265 270  
 238 Glu Pro Gln Ile Gly Gly Phe Asp Trp Arg Leu Val Phe Thr Trp His

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/074,527

DATE: 03/12/2002  
TIME: 17:47:57

Input Set : A:\pto.amc.txt  
Output Set: N:\CRF3\03122002\J074527.raw

239	275	280	285
240	Thr Val Pro Glu Arg Glu Arg Ile Arg Met Gln Ser Pro Val Asp Val		
241	290	295	300
242	Ile Arg Ser Pro Thr Met Ala Gly Gly Leu Phe Ala Val Ser Lys Lys		
243	305	310	315
244	Tyr Phe Glu Tyr Leu Gly Ser Tyr Asp Thr Gly Met Glu Val Trp Gly		320
245	325	330	335
246	Gly Glu Asn Leu Glu Phe Ser Phe Arg Ile Trp Gln Cys Gly Gly Val		
247	340	345	350
248	Leu Glu Thr His Pro Cys Ser His Val Gly His Val Phe Pro Lys Gln		
249	355	360	365
250	Ala Pro Tyr Ser Arg Asn Lys Ala Leu Ala Asn Ser Val Arg Ala Ala		
251	370	375	380
252	Glu Val Trp Met Asp Glu Phe Lys Glu Leu Tyr Tyr His Arg Asn Pro		
253	385	390	395
254	Arg Ala Arg Leu Glu Pro Phe Gly Asp Val Thr Glu Arg Lys Gln Leu		400
255	405	410	415
256	Arg Asp Lys Leu Gln Cys Lys Asp Phe Lys Trp Phe Leu Glu Thr Val		
257	420	425	430
258	Tyr Pro Glu Leu His Val Pro Glu Asp Arg Pro Gly Phe Phe Gly Met		
259	435	440	445
260	Leu Gln Asn Lys Gly Leu Thr Asp Tyr Cys Phe Asp Tyr Asn Pro Pro		
261	450	455	460
262	Asp Glu Asn Gln Ile Val Gly His Gln Val Ile Leu Tyr Leu Cys His		
263	465	470	475
264	Gly Met Gly Gln Asn Gln Phe Phe Glu Tyr Thr Ser Gln Lys Glu Ile		480
265	485	490	495
266	Arg Tyr Asn Thr His Gln Pro Glu Gly Cys Ile Ala Val Glu Ala Gly		
267	500	505	510
268	Met Asp Thr Leu Ile Met His Leu Cys Glu Glu Thr Ala Pro Glu Asn		
269	515	520	525
270	Gln Lys Phe Ile Leu Gln Glu Asp Gly Ser Leu Phe His Glu Gln Ser		
271	530	535	540
272	Lys Lys Cys Val Gln Ala Ala Arg Lys Glu Ser Ser Asp Ser Phe Val		
273	545	550	555
274	Pro Leu Leu Arg Asp Cys Thr Asn Ser Asp His Gln Lys Trp Phe Phe		560
275	565	570	575
276	Lys Glu Arg Met Leu		
277	580		
280	<210> SEQ ID NO: 3		
281	<211> LENGTH: 1746		
282	<212> TYPE: DNA		
283	<213> ORGANISM: homo sapiens		
285	<220> FEATURE:		
286	<221> NAME/KEY: CDS		
287	<222> LOCATION: (1)...(1746)		
289	<400> SEQUENCE: 3		
290	atg tgg ggg cgc acg gcg cgg cgc tgc ccg cgg gaa ctg cgg cgc	48	
291	Met Trp Gly Arg Thr Ala Arg Arg Cys Pro Arg Glu Leu Arg Arg		

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/12/2002  
PATENT APPLICATION: US/10/074,527 TIME: 17:47:58

Input Set : A:\pto.amc.txt  
Output Set: N:\CRF3\03122002\J074527.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 2,3,4,5,6,7,9,10,11,12,13,14,16,17,18,19,20,21



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/074,527

DATE: 02/28/2002  
TIME: 10:02:19

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\02282002\J074527.raw

Does Not Comply  
Corrected Diskette Needed

eof

4 <110> APPLICANT: Olandt, Peter J.  
5 Meyers, Rachel E.  
6 Galvin, Katherine A.  
7 Millennium Pharmaceuticals Inc.  
9 <120> TITLE OF INVENTION: 33945, A Human Glycosyltransferase and  
10 Uses Therefor  
12 <130> FILE REFERENCE: MPI2001-018P1RCP1(M)  
14 <140> CURRENT APPLICATION NUMBER: US/10/074,527  
14 <141> CURRENT FILING DATE: 2002-02-12  
14 <150> PRIOR APPLICATION NUMBER: 60/269202  
15 <151> PRIOR FILING DATE: 2001-02-15  
17 <160> NUMBER OF SEQ ID NOS.: 9  
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0

#### ERRORED SEQUENCES

649 <210> SEQ ID NO: 9  
650 <211> LENGTH: 22  
651 <212> TYPE: PRT  
652 <213> ORGANISM: Artificial Sequence  
654 <220> FEATURE:  
655 <223> OTHER INFORMATION: consensus  
657 <221> NAME/KEY: VARIANT  
658 <222> LOCATION: (1)...(22)  
659 <223> OTHER INFORMATION: Xaa = any amino acid  
661 <400> SEQUENCE: 9  
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663 1 5 10 15  
W--> 664 Xaa Xaa Xaa Xaa Xaa Leu  
665 20  
E--> 667 - 1 -  
*delete*

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/074,527

DATE: 02/28/2002  
TIME: 10:02:20

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\02282002\J074527.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:667 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9